

Data File : VV013570.D
Acq On : 09 Nov 2019 04:33
Operator : SY/MD
Sample : K5747-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J16

Quant Time: Nov 09 05:03:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366719	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	372999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78419	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	75745	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	99931	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.92	46	277706	50.12	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.24%
24) Chloroform-d	4.40	84	198259	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	115369	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	360129	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	129198	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	276711	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	40645	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.13	63	167874	42.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86042	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	150152	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

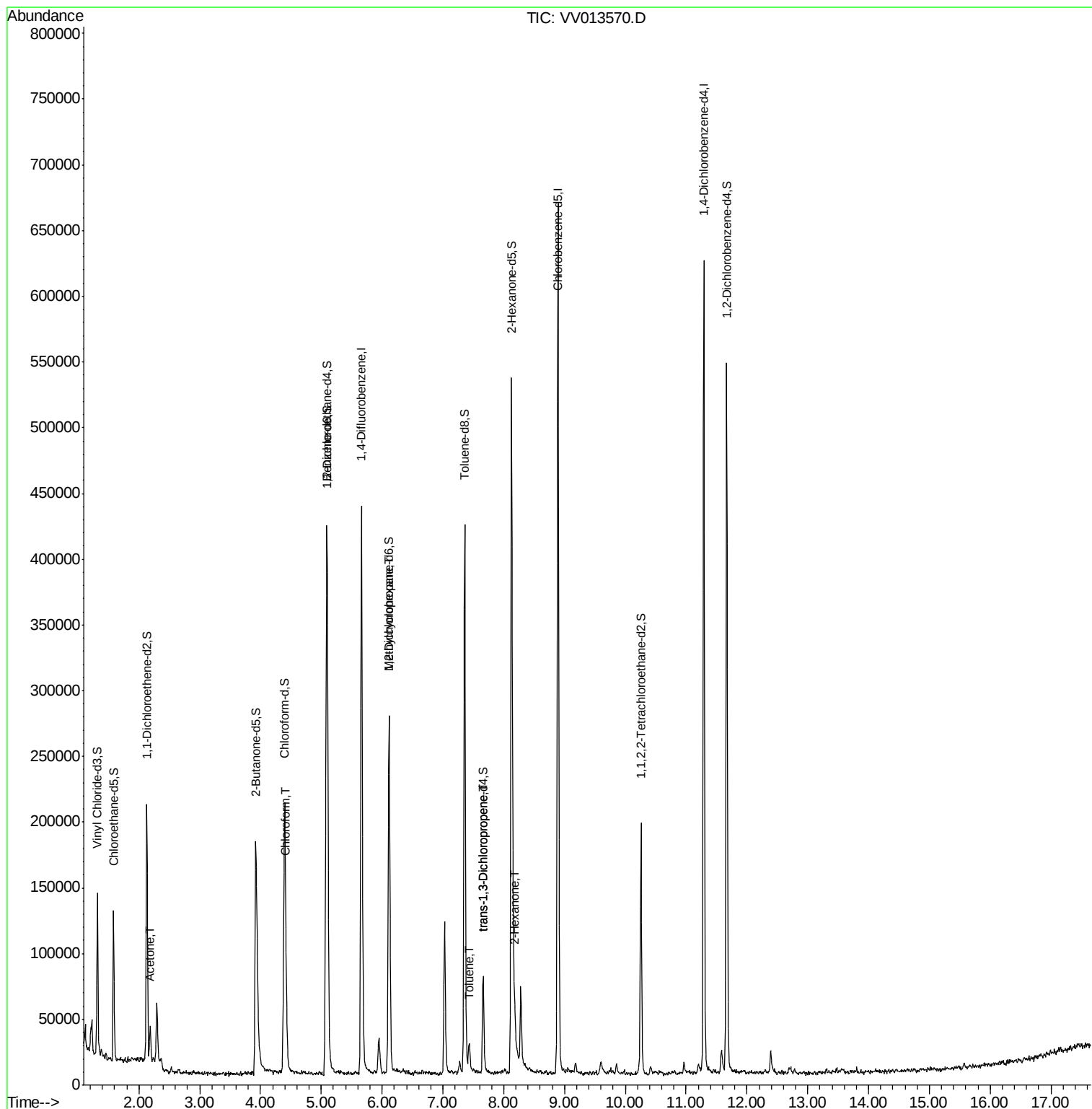
					Qvalue
13) Acetone	2.18	43	26760	7.961 ug/L	94
25) Chloroform	4.42	83	22115	0.397 ug/L	99
35) Methylcyclohexane	6.11	83	32373	0.682 ug/L #	18
42) Toluene	7.43	91	16325	0.135 ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	2227	0.072 ug/L	99
48) 2-Hexanone	8.18	43	21759	1.874 ug/L #	82

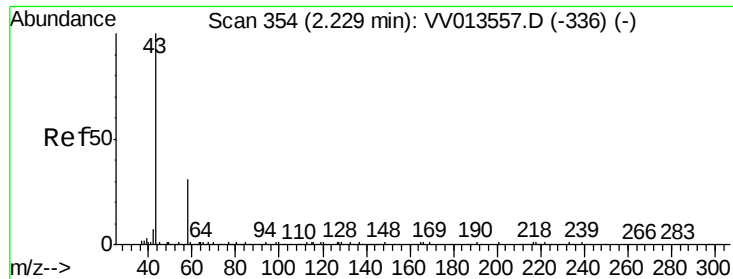
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.961 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

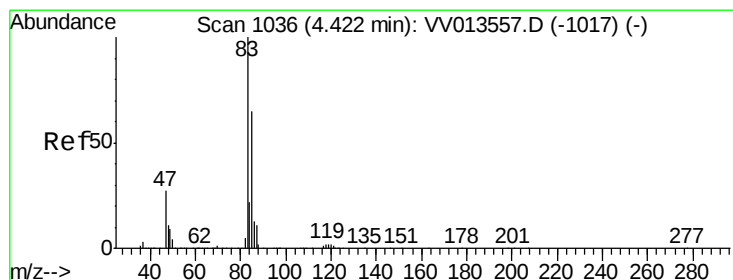
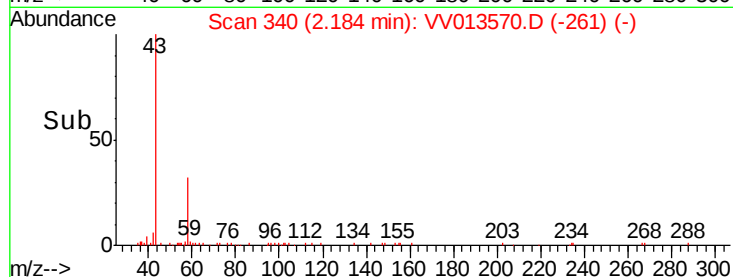
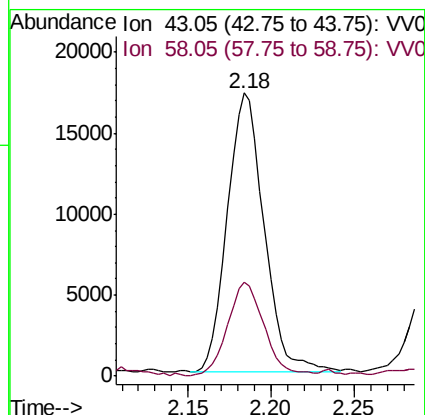
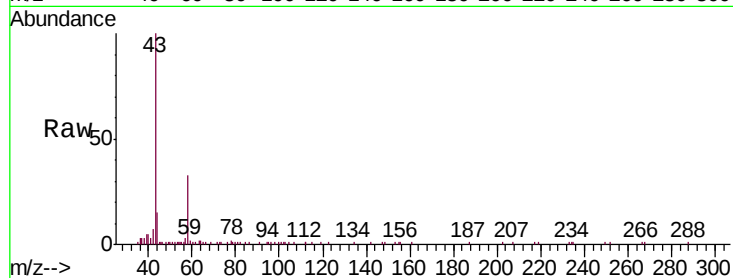
F2J16

Tgt Ion: 43 Resp: 26760

Ion Ratio Lower Upper

43 100

58 33.6 0.0 60.8



#25

Chloroform

Concen: 0.397 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013570.D

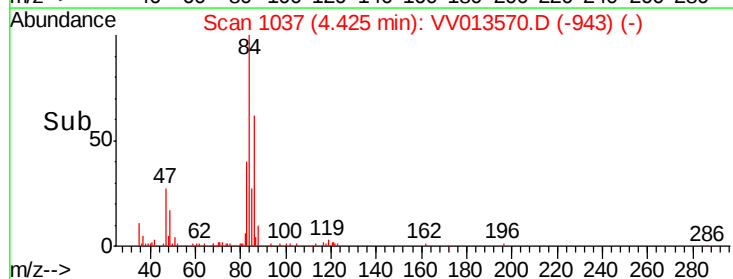
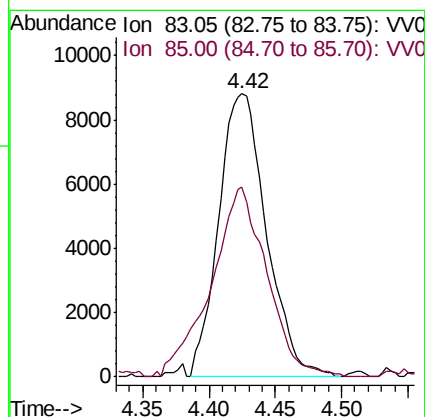
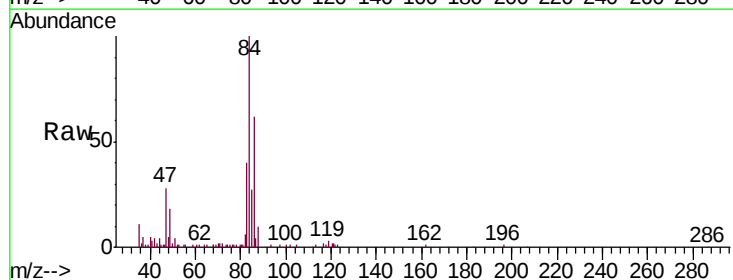
Acq: 09 Nov 2019 04:33

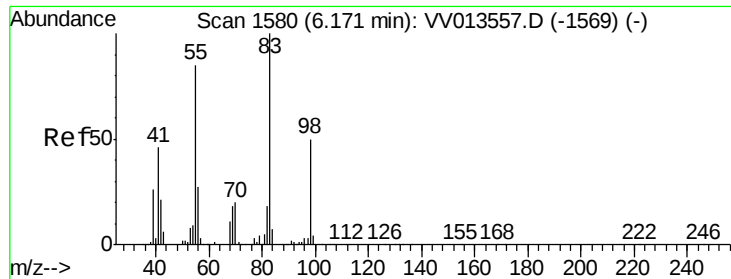
Tgt Ion: 83 Resp: 22115

Ion Ratio Lower Upper

83 100

85 66.9 46.3 86.1

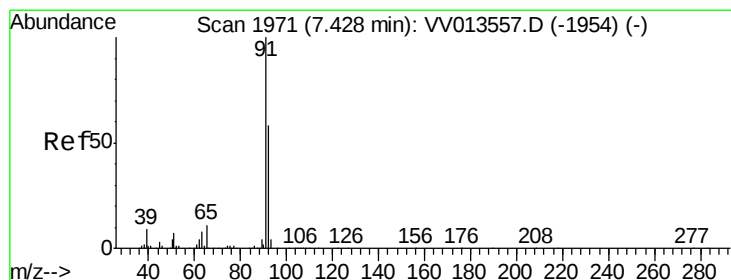
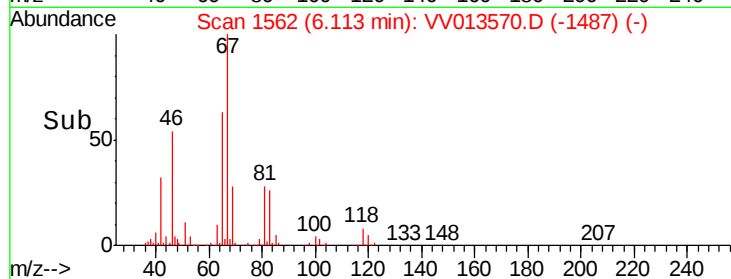
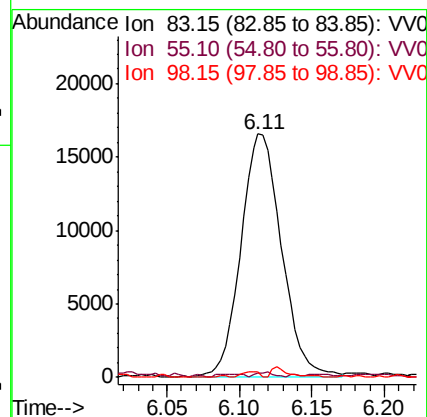
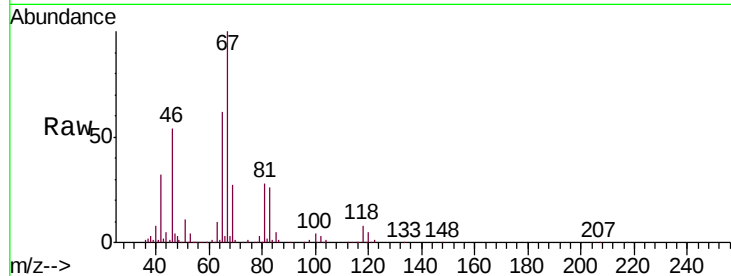




#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013570.D
Acq: 09 Nov 2019 04:33

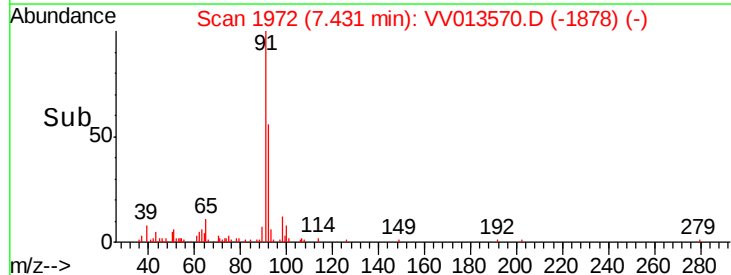
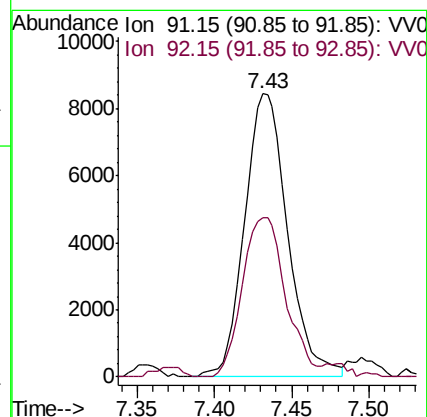
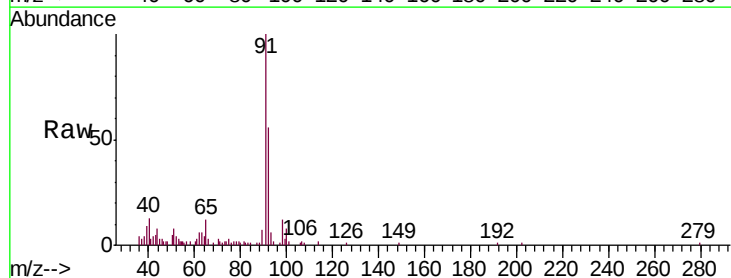
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MSVOA_V
ClientSampleId :
F2J16

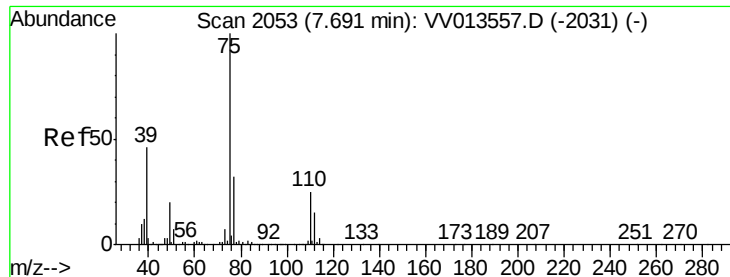
Tgt Ion: 83 Resp: 32373
Ion Ratio Lower Upper
83 100
55 0.8 63.8 95.8#
98 1.0 38.4 57.6#



#42
Toluene
Concen: 0.135 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013570.D
Acq: 09 Nov 2019 04:33

Tgt Ion: 91 Resp: 16325
Ion Ratio Lower Upper
91 100
92 56.2 41.4 77.0





#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013570.D

Acq: 09 Nov 2019 04:33

Instrument :

MSVOA_V

ClientSampleId :

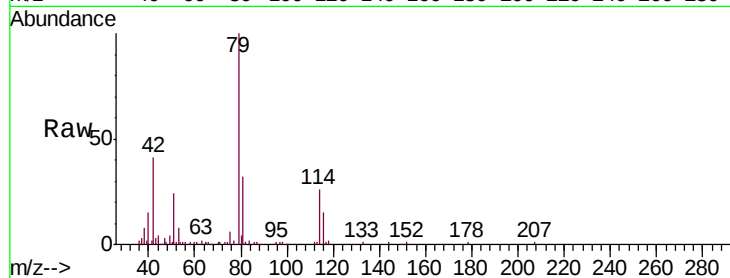
F2J16

Tgt Ion: 75 Resp: 2227

Ion Ratio Lower Upper

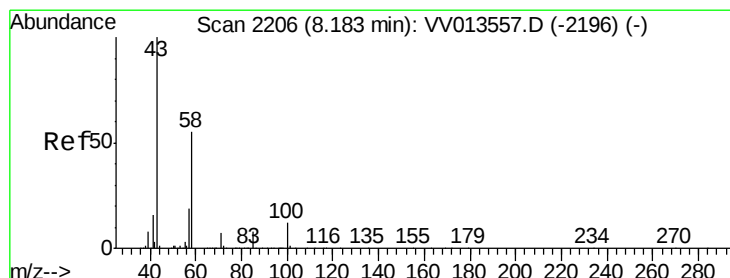
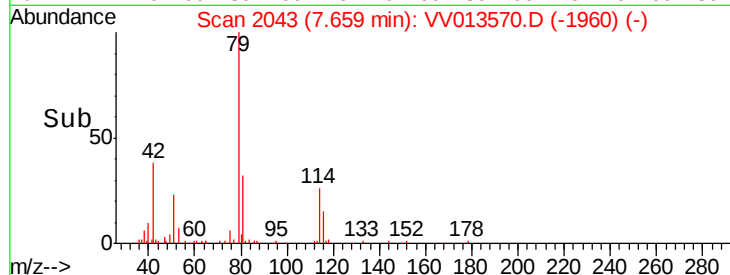
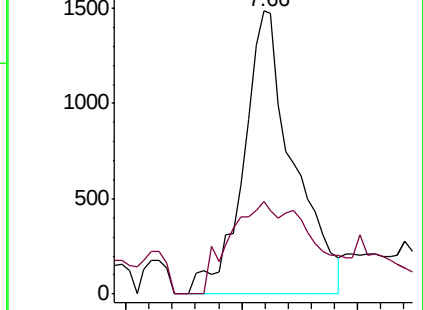
75 100

77 32.5 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.874 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013570.D

Acq: 09 Nov 2019 04:33

Tgt Ion: 43 Resp: 21759

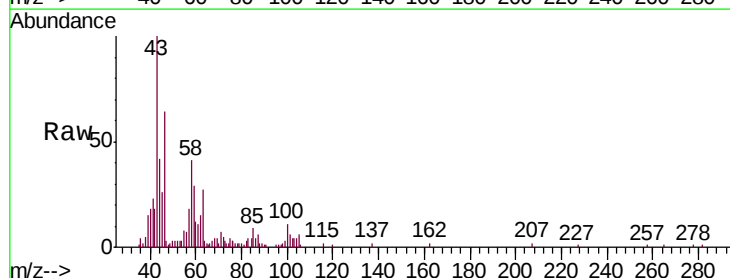
Ion Ratio Lower Upper

43 100

58 39.2 43.8 65.8#

57 15.4 15.0 22.6

100 4.5 9.8 14.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

